

Amendments to the Specification

A. Please amend the title of the application as follows.

Streptococcus pneumoniae Antigens and Vaccines SP036 Polynucleotides

B. At Page 1, line 2, immediately following the title, and immediately preceding the heading, "Field of the Invention", please insert the following new paragraph:

A 1
This application is a continuation of and claims benefit under 35 U.S.C. § 120 to U.S. Patent Application No: 08/961,083, filed October 30, 1997, which claims benefit under 35 U.S.C. § 119(e) of U.S. Provisional Application No: 60/029,960, filed October 31, 1996.

C. Please amend the paragraph at page 10, lines 31-36, as follows:

3. *Lipoprotein*: Studies of the cleavage sites of twenty-six bacterial lipoprotein precursors has allowed the definition of a consensus amino acid sequence for lipoprotein cleavage. Nearly three-fourths of the bacterial lipoprotein precursors examined contained the sequence L-(A,S)-(G,A)-C (SEQ ID NO:453) at positions -3 to +1, relative to the point of cleavage (Hayashi, S. and Wu, H. C., *J. Bioenerg. Biomembr.* 22:451-471 (1990)).

A 2
D. Please amend the paragraph at page 10, line 37 through page 11, line 10, as follows:

4. *LPXTG motif*: It has been experimentally determined that most anchored proteins found on the surface of gram-positive bacteria possess a highly conserved carboxy terminal sequence. More than fifty such proteins from organisms such as *S. pyogenes*, *S. mutans*, *E. faecalis*, *S. pneumoniae*, and others, have been identified based on their extracellular location and carboxy terminal amino acid sequence (Fischetti, V. A., *ASM News* 62:405-410 (1996)). The conserved region consists of six charged amino acids at the extreme carboxy terminus coupled to 15-20 hydrophobic amino acids presumed to function as a transmembrane domain. Immediately adjacent to the transmembrane domain is a six amino acid sequence conserved in nearly all proteins examined. The amino acid sequence of this region is L-P-X-T-G-X (SEQ ID NO:454), where X is any amino acid.